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ENGINEERING CELL
Delhi Technological University
Shahbad Daulatpur, Bawana Road, Delhi-110042

Dated: 07.06.2024

File No: DTU/Engg.Cell/0014/2024-25/Civil

NOTICE INVITING QUOTATION

The Chief Project Officer, Engineering Cell, DTU invites, on behalf of Delhi Technological University, sealed percentage rate quotations from Civil Contractors up to 03.00 PM on 13.06.2024 for the following works, which shall be opened at 03:30 PM on the same day. Schedule of work along with terms and conditions can be obtained from office of the Chief Project Officer/DTU or DTU website on all working days by submitting an application along with a copy of G.S.T. No. or PAN Card up to 02:00 PM on 13.06.2024.

S. No.	Name of Work	Estimated Cost (Rs.)	Time Allowed	Last date of Receipt of Quotation
1.	Construction of Water Bank (Water Piau) near Aryabhat Hostel at DTU campus.	4,92,014/-	30 days	13.06.2024 ✓

TERMS & CONDITIONS:-

1. The work shall be carried out as per CPWD specifications/manufacturer's specification.
2. The rates quoted should be inclusive of all the taxes and duties & nothing extra shall be paid.
3. The quotations which are issued from the office of CPO shall only be accepted, quotations in other forms shall be summarily rejected without assigning any reasons.
4. No T&P shall be issued to the firm by the department.
5. All samples shall be got approved from Engineer-in-Charge before placing order.
6. Necessary recoveries shall be made from bill.
7. Water charges @1% and Electricity Charges @1% of gross work done shall be deducted from the bill.
8. Penalty on account of delay of the work (if any) may be imposed @500/- per day or as decided by the Engineer-in-Charge.

Enclosure: Schedule of work.

Awan
(Prof. Amit Kumar Srivastava)
Chief Project Officer
DTU Campus, Bawana Road

Copy to: -

1. Registrar, DTU
2. Sr. Account Officer, DTU
3. A.E.(Civil)/J.E. (Civil)
4. DTU Notice Board/ DTU website
5. Guard File

A.E. (Civil)
A.E. (Civil), DTU
07.06.24

Schedule of Work

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Name of Work:- Construction of Water Bank (Water Piau) near Aryabhat Hostel and Mess at DTU campus.

S.No.	DSR Code	Particulars	Quantity	Unit	Rate Rs.	Amount Rs.
1	2.28.1	Surface dressing of the ground including removing vegetation and in equalities not exceeding 15cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5m. All kinds of soil.	20.00	Sqm	28.15	563.00
2	2.6.1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. All kinds of soil	3.00	cum	205.45	616.35
3	4.1	Providing and laying in cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
3.1	4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	3.00	Cum	6,050.65	18,151.95
3.2	4.1.3	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	3.00	Cum	7,365.15	22,095.45
4	6.1.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	3.00	Cum	6,658.25	19,974.75
5	6.4.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :	2.00	Cum	8,288.35	16,576.70
6	8.31	Providing and Fixing of 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer), of approved make, in all colors shades except burgundy, bottle green, black of any size as approved by Engineer-in-charge in skirting risers of steps and dados, over 12mm thick bed of cement mortar 1:3 and jointing with grey cement slury @3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	13.00	sqm.	1,063.45	13,824.85
7	11.56.1	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	23.00	sqm.	3,908.80	89,902.40

8	12.50	Providing and Fixing precoated galvanised iron profile sheets (size, shaped and pitch of corrugation as approved by Engineer - in - charge) 0.50mm total coated thickness with zinc coating 120 gm per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyster top coat 15-18 microns. Sheet should have protective guard film of 25microns minimum to avoid scratches during transportation and should be supplied in single length upto 12mtr or as designed by Engineer-in-charge. The sheet shall be fixed using self drilled / self tapping screws of size with EPDM seal complete upto any pitvh in horizontal/vertical or curved surfaced, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	22.00	sqm.	671.55	14,774.10
9	18.8.2	Providing and Fixing Chlorinated Polyvinyl chloride pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fitting, i.e, fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as direction of Engineer-in-charge, Concealed work, including cutting chases and making good walls etc. 20mm nominal outer dia pipes.	15.00	mtr.	513.75	7,706.25
10	18.9.2	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	25.00	mtr.	275.25	6,881.25
11	12.51.1	Providing and Fixing precoated galvanised steel sheet roofing accessories 0.50mm total coated thickness, Zinc coating 120gm per sqm as per IS:277, in 240 mpa steel grade, 5-7 microns epoxy primer on boht side of the sheet and polyster top coat 15-18 microns using sleft drilling/self tapping screws complete : Ridges plain (500 - 600mm)	4.00	mtr.	450.60	1,802.40
12	9.50	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.	50.00	sqm.	1,484.70	74,235.00
13	17.35.1.2	Providing and fixing soil, waste and vent pipes : 100mm dia. Centrifugally cast (spun) iron socket & spigot (S & S) pipe as per IS : 3989.	15.00	mtr.	1,077.40	16,161.00
13.2	17.35.2.2	75mm diameter :- Centrifugally cast (spun) iron socket & spigot (S & S) pipe as per IS : 3989	4.00	mtr.	1,042.10	4,168.40
14	13.4.2	12 mm cement plaster of mix : 1:6 (Icement : 6 coarse sand)	10.00	sqm.	294.35	2,943.50

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15	13.80	Providing and Applying white cement based putty of average thickness 1mm , of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	10.00	sqm.	123.85	1,238.50
16	13.42.1	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work	10.00	sqm.	92.75	927.50
17	13.43.1	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	10.00	sqm.	64.45	644.50
18	13.61.1	Painting with Synthetic enamel paint of approved brand and manufacturer to give an even shade : Two or more coats on new work.	150.00	sqm.	131.45	19,717.50
19	15.60	Disposal of Building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge , beyond 50 m initial lead, for all leads including all lifts involved.	25.00	cum	219.35	5,483.75
20	18.55.2	Providing and fixing PTMT stop cock of approved quality and colour. 20 mm nominal bore, 89 mm long, weighing not less than 88 gms	4.00	Each	113.85	455.40
21	10.28	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-incharge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	50.00	Kg	113.85	5,692.50
22	12.23.1.1	Providing sand stone slab for roofing and laying them in cement mortar 1 : 4 (1 cement : 4 coarse sand) over wooden karries or R.C.C. battens or structural steel sections (Karries or battens or structural steel sections to be paid separately), including pointing the ceiling joints with cement mortar 1:3 (1 cement : 3 fine sand) complete : Red sand stone slab. 40 to 50 mm thick	6.00	Sqm	907.95	5,447.70
23	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	650.00	Kg	111.95	72,767.50

						Total	4,92,014.00


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724	18.48	...ing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	1000.00	Litre	9.70	9,700.00
					Total Rs.	4,32,452.20
					Add applicable rate of GST @18% in place of 12% (Multiplying factor 1.0633) on DSR items i.e =	4,59,826.42
					Add Cost Index 7%	32,187.85
					Total	4,92,014.00


J.E. (Civil)


A.E. (Civil) 29.04.24


CPO/DTU